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(C) WPI / DERWENT
78-43119A c24!
JP760124413 761019
- Cement formulation - comprising Portland cement, and silica gel or meta:kaolin, and fibres, aggregate, additives etc.
IW - CEMENT FORMULATION COMPRISE PORTLAND CEMENT SILICA GEL
META KAOLIN FIBRE AGGREGATE ADDITIVE
PA - (KOND-I) KONDO R
PN - JP53050229 A 780508 DW7824 000pp
ORD - 1978-05-08
IC - C04B7/35 ; C04B13/00
FS - CPI
DC - L02
AB - J53050229 Cement compsn. is composed of 60-95 wt.% Portland cement and 4 - 5 wt.% silica gel or metakaolin, being mixed with fibres, aggregate and additives as required. Compsns. are obtd. by adding to the material thus obtd. 1-20 wt.% glass fibres.
- Silica gel of grain size of ca. 40000 cm²/g is pref. used and metakaolin of 10000-12000 cm²/g is used to develop the same effect as natural pozzolan.
- Cement material can prevent efflorescent, decreases exothermic heat, further prevents deterioration of glass fibres, and can be cured at ambient temp. or by steam.